The methods of the digital processing of small-contrast scenes for the real-time recognizing system
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Work is dedicated to mathematical base to theories of the incorrect inverse problems in optometrist, as well as method of the processing and recovering the scenes on incomplete information on its Fourie-spectrum. This problem is part of the general problem of the eliminating the influence atmospheric and optical distortion when finding and registrations removed object on big range under bad atmospheric conditions

Keywords: Incorrect inverse problems, Image processing, Real-time processing, Fractal.